



# Quiz 6A

## Basic Geometric Construction

Name \_\_\_\_\_

Date \_\_\_\_\_ Section \_\_\_\_\_ Score \_\_\_\_\_

*Match the following statements with the correct terms. Place the appropriate letter in each blank.*

- \_\_\_\_\_ 1. A three-sided geometric figure.  
\_\_\_\_\_ 2. A five-sided geometric figure with each side forming a  $72^\circ$  angle.  
\_\_\_\_\_ 3. A six-sided geometric figure with each side forming a  $60^\circ$  angle.  
\_\_\_\_\_ 4. A geometric figure with opposite sides equal in length and each corner forming a  $90^\circ$  angle.  
\_\_\_\_\_ 5. A closed curve in the form of a symmetrical oval.

- A. Hexagon
- B. Ellipse
- C. Triangle
- D. Rectangle
- E. Pentagon

*Carefully read each question before answering it. Write your answer in the space provided.*

6. Bisecting a line divides it into how many equal parts? 6. \_\_\_\_\_
7. Each side of a(n) \_\_\_\_\_ triangle has the same length. 7. \_\_\_\_\_  
A. right  
B. equilateral  
C. isosceles  
D. scalene
8. Circles that are concentric have a common \_\_\_\_\_ point. 8. \_\_\_\_\_
9. The \_\_\_\_\_ of a circle is equal to the length of a straight line connecting two points on the circle and running through the center. 9. \_\_\_\_\_
10. The \_\_\_\_\_ of a circle is equal to the length of a straight line running from the center of the circle to the perimeter of the circle. 10. \_\_\_\_\_